

Recombinant Human HLTF protein, His & T7-tagged

Cat. No. HLTF-7859H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HLTF aa. (Ala837~Lys996 (Accession # Q14527)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala837~Lys996
Description	This gene encodes a member of the SWI/SNF family. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein contains a RING finger DNA binding motif. Two transcript variants encoding the same protein have been found for this gene. However, use of an alternative translation start site produces an isoform that is truncated at the N-terminus compared to the full-length protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

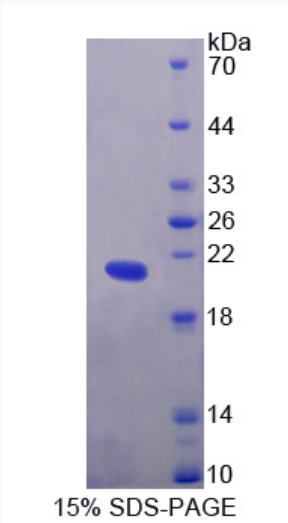
GENE INFORMATION

Gene Name	HLTF helicase like transcription factor [Homo sapiens (human)]
Official Symbol	HLTF
Synonyms	HLTF; helicase like transcription factor; ZBU1; HLTF1; RNF80; HIP116; SNF2L3; HIP116A; SMARCA3; helicase-like transcription factor; DNA-binding protein/plasminogen activator inhibitor-1 regulator; RING finger protein 80; RING-type E3 ubiquitin transferase HLTF; SNF2-like 3; SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 3; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3; sucrose nonfermenting protein 2-like 3; sucrose nonfermenting-like 3

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Gene ID	6596
mRNA Refseq	NM_001318934.1
Protein Refseq	NP_001305863.1
UniProt ID	Q14527
SDS-PAGE	 15% SDS-PAGE